G1004

COVER SHEET (PAGE 1 of 2)

May 1998 CALFED ECOSYSTEM RESTORATION PROPOSAL SOLICITATION

Proposal Title: Last Chance Creek Watershed Restoration Demonstration Area

Applicant Name: USDA Forest Service, Plumas National Forest

Mailing Address: P.O. Box 7, Blairsden, CA 96103

Telephone: (530) 836-2575

Fax: (530) 836-0493

Amount of funding requested: $3,775,000 for 3 years

Indicate the Topic for which you are applying (check only one box). Note that this is an important decision: see page __ of the Proposal Solicitation Package for more information.

- ☐ Fish Passage Assessment
- ☐ Fish Passage Improvements
- ☐ Floodplain and Habitat Restoration
- ☐ Gravel Restoration
- ☐ Fish Harvest
- ☐ Species Life History Studies
- ☒ Watershed Planning/Implementation
- ☐ Education
- ☐ Fish Screen Evaluations - Alternatives and Biological Priorities

Indicate the geographic area of your proposal (check only one box):

- ☐ Sacramento River Mainstem
- ☒ Sacramento Tributary: _____
- ☐ Delta
- ☐ East Side Delta Tributary: _____
- ☐ Suisun Marsh and Bay
- ☐ San Joaquin Tributary: _____
- ☐ San Joaquin River Mainstem
- ☐ Other: _____
- ☐ Landscape (entire Bay-Delta watershed)
- ☐ North Bay: _____

Indicate the primary species which the proposal addresses (check no more than two boxes):

- ☐ San Joaquin and East-side Delta tributaries fall-run chinook salmon
- ☐ Winter-run chinook salmon
- ☐ Spring-run chinook salmon
- ☐ Late-fall run chinook salmon
- ☒ Fall-run chinook salmon
- ☐ Delta smelt
- ☐ Longfin smelt
- ☐ Splittail
- ☐ Steelhead trout
- ☐ Green sturgeon
- ☐ Striped bass
- ☒ Migratory birds

COVER SHEET (PAGE 2 of 2)

May 1998 CALFED ECOSYSTEM RESTORATION PROPOSAL SOLICITATION

Indicate the type of applicant (check only one box):

☐	State agency	☒	Federal agency
☐	Public/Non-profit joint venture	☐	Non-profit
☐	Local government/district	☐	Private party
☐	University	☐	Other: _____

Indicate the type of project (check only one box):

☐	Planning	☒	Implementation
☐	Monitoring	☐	Education
☐	Research		

By signing below, the applicant declares the following:

(1) the truthfulness of all representations in their proposal;

(2) the individual signing the form is entitled to submit the application on behalf of the applicant (if applicant is an entity or organization); and

(3) the person submitting the application has read and understood the conflict of interest and confidentiality discussion in the PSP (Section II.K) and waives any and all rights to privacy and confidentiality of the proposal on behalf of the applicant, to the extent as provided in the Section.

KATHRYN ASTON
District Ranger, Beckwourth Ranger District

(Signature of Applicant)

II. EXECUTIVE SUMMARY

A. Project Title and Applicant Name

Last Chance Creek Watershed Restoration Demonstration Area
USDA-Forest Service, Plumas National Forest

B. Project Description and Primary Biological/ Ecological Objectives

The Last Chance Creek watershed is a 90,000 acre forest and meadow ecosystem that forms the headwaters of the North Fork Feather River located primarily on national forest system land managed by the Plumas National Forest, Quincy, California. Under pristine conditions the area functioned as a hydrologic sponge absorbing, and holding water from winter snow melt and summer thundershowers and slowly releasing this water to the river system. However, over the past 150 years the watershed has lost much of its water absorbing and holding capability due to grazing, timber harvesting, roading, and wildfire; and now contributes significant amounts of sediment to the system, negatively affecting the Bay-Delta species and other beneficial uses. The proposal is to restore the hydrologic system in the watershed by re-watering the meadows, thinning and prescribed burning in the forest areas, closing non-system roads and realigning portions of system roads throughout the project, and using the area to demonstrate an holistic approach to watershed management. These efforts will:

- Decrease flood frequency and severity
- Improve water quality
- Increase the amount of year-round water flow for the priority species
- Reduce the threat of wildfire
- Educate the public and encourage similar efforts in adjacent watersheds

C. Approach/Tasks/Schedule

Fuel Reduction: The first step would be to thin the dense stands via contracts to remove the larger fuels. This would be followed with prescribed burning to remove excessive fuel buildup on the forest floor. Tasks will include environmental assessments, prescribed burning , contract preparation and administration, and monitoring.

Road Restoration: Move segments of system roads out of the riparian corridor. Close all non-system roads, restore the permeability of these, and adjacent compacted areas through sub-soiling treatments and revegetate. Tasks will include environmental assessments, engineering for relocation, sub-soiling, revegetation, contracting and monitoring.

Meadow Re-watering: Construct cattle exclosures around problem areas. Install a combination of check dams, channel realignments and ponds. Revegetate denuded areas. Tasks will include environmental assessments, fencing, structure design and installation, and monitoring.

Schedule:

	FY 1999	FY 2000	FY 2001
Fuel Reduction	1,000 acres	1,000 acres	1,000 acres
Road Restoration	20 miles	20 miles	20 miles
Meadow Restoration	100 acres	100 acres	100 acres
Upland Sub-soiling	300 acres	300 acres	400 acres

D. JUSTIFICATION FOR PROJECT AND FUNDING BY CALFED

The project directly reduces the level of stressors (wildfire, roads, grazing, soil compaction and meadow erosion) that apply to the Upper Watershed Processes, pages 61-68 of the Review Draft, Ecosystem Restoration Program Plan, Volume I, June 13, 1997. The results of project actions will increase water quality and quantity for all of the Bay-Delta priority species and contribute to lowering the frequency and severity of floods that threaten the Bay Delta system.

E. BUDGET COSTS AND THIRD PARTY IMPACTS

Costs: (in thousands) *	FY 1999	FY 2000	FY 2001	
Fuel Reduction	$550	550	550	
Road Closure & sub-soiling	$250	250	275	
Meadow Restoration	$450	450	450	
Subtotal:	**$1,250**	**$1,250**	**$1,275**	**Total over 3 years = $3,775**

** Amount requested from CALFED*

Third Party Impacts: There are no negative third party impacts. Even though riparian areas will be excluded from grazing no decrease in allowable use is expected due to the increase in forage on adjacent areas resulting from restoration actions. Affects on downstream users will include an increase in water quality and quantity for hydroelectric operation, municipal and agricultural use as well as fisheries habitat.

F. APPLICANT QUALIFICATIONS

Project management and administration, contracting, and technical direction/ supervision will be provided by the following Plumas National Forest personnel:

Project Manager: Terry Benoit, Forest Hydrologist
Contracting: Sue Wickman, Contracting Officer
Other Technical Support: Bob Schultz, Hydrologist; Wayne Johannson, Soil Scientist; Betty Holder, Timber Management Officer; Patti Millet, Silviculturist; Mark Lane, Range Conservationist.

G. MONITORING AND DATA EVALUATION

Monitoring will include the implementation of projects to make sure that procedures and plans are followed; trend, related to amount of sediment, surface and ground water flows and changes in vegetation; and maintenance to ensure that improvements are intact and operating as planned. An adaptive management approach will be used to correct problems.

H. LOCAL SUPPORT / COORDINATION WITH OTHER PROGRAMS / COMPATIBILITY WITH CALFED OBJECTIVES

Local cooperators are the Feather River Coordinated Resource Management group (FR-CRM), Quincy Library Group (QLG), Plumas Corporation (PC), University of California Cooperative Extension (UCCE), Pacific Gas and Electric Company (PG&E), the State Department of Water Resources (DWR), and the State Department of Fish and Game (CDF&G); and the Regional Water Quality Control Board (RWQCB). (See enclosed letter from the FR-CRM representing these organizations). The project is also being coordinated with a State Water Resources Control Board (SWRCB) grant request for meadow restoration from the Plumas County Development Commission. The project is compatible with CALFED objectives of reducing the level of stressors related to wildlife, forest health, soil erosion, road impacts, water quality and year-around flows as discussed in the Upper Watershed section of the ERPP.

Feather River

Coordinated Resources Manageme

California Department of Forestry and Fire Protection

California Department of Fish and Game

California Department of Water Resources

California Regional Water Quality Control Board

Feather River College

North Cal-Neva Resource Conservation and Development District

Pacific Gas & Electric Co.

Feather River Resource Conservation District

Plumas Corporation

Plumas National Forest USFS, USDA

Plumas Unified School District

Natural Resource Conservation Service, USDA

U.S. Army Corps of Engineers

U.S. Fish & Wildlife Service

California Department of Transportation

University of California Cooperative Extension

California Department of Parks and Recreation

Plumas County Community Development Commission

Salmonid Restoration Federation

USDA Farm Services Agency

Plumas County

23 July 1997

Mr. Mark Madrid
Forest Supervisor
Plumas National Forest
P.O. Box 11500
Quincy, Ca. 95971

Dear Mr. Madrid,

The Feather River Coordinated Resource Management (CRM) group has been implementing channel and meadow restoration projects throughout the Feather River watershed for 12 years. Several projects have been implemented cooperatively by the CRM and the Plumas National Forest in the Last Chance Creek watershed. Additional cooperative projects are currently being planned for implementation in the Last Chance watershed for 1998.

The Feather River CRM fully supports the Plumas National Forest application for the Last Chance Creek Restoration Demonstration Area. This program will complement and enhance the ongoing restoration efforts by expanding the program to include road, timber health and fire hazard reduction components of watershed restoration. We are looking forward to continuing our cooperative efforts in this watershed Thank you.

Sincerely,

Jim Wilcox
CRM Coordinator
Plumas Corporation

P.O. Box 3880, Quincy, CA 95971 (916) 283-3739

III. TITLE PAGE

A. Title of Project

Last Chance Creek Watershed Restoration Demonstration Project

B. Name of Applicant

Kathryn Axton, District Ranger
Beckwourth Ranger District, Plumas National Forest
23 Mohawk Highway Rd/P.O. Box 7
Blairsden, California 96103
T: (916) 836-2575 F: (916)836-0493
Technical Contact: Terry Benoit, Forest Hydrologist (916) 283-2050
Financial Contact: Sue Wickman, Contracting Officer (530) 283-2058

C. Type of Organization and Tax Status

Federal agency, tax exempt

D. Tax Identification Number and/or Contractor License, as applicable:

Not applicable

E. Participants / Collaborators in Implementation

Feather River Coordinated Resource Management Group (FR-CRM)
Quincy Library Group (QLG)
University of California Cooperative Extension (UCCE)
Regional Water Quality Control Board (RWRQCB)
California Department of Water Resources (DWR)
California Department of Fish and Game (CDF&G)
Pacific Gas & Electric Company (PG&E).

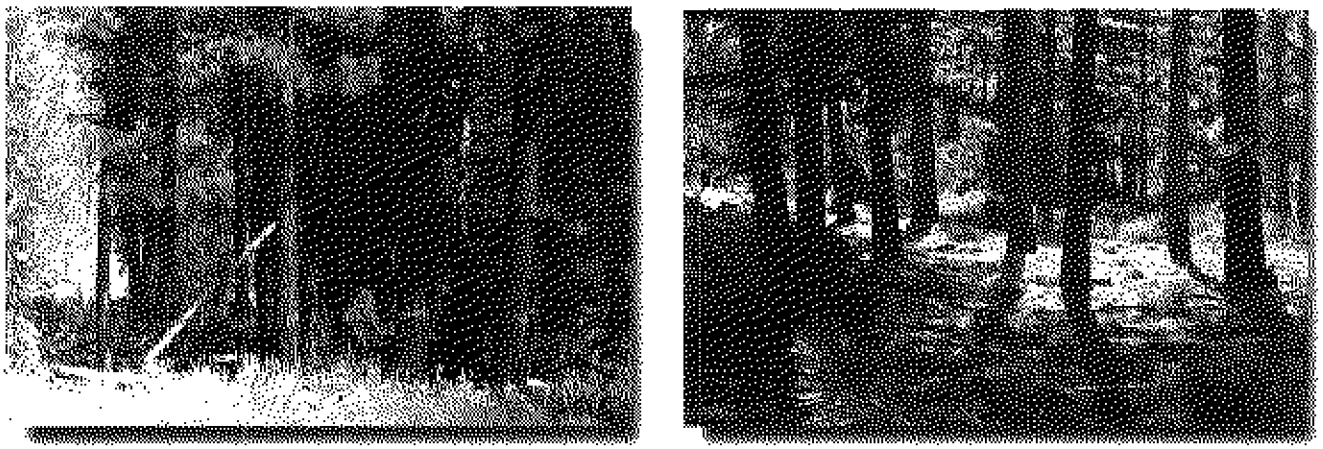
I-010720

IV. PROJECT DESCRIPTION

A. Project Description and Approach

Restore the hydrologic system in the 90,000 acre Last Chance Creek watershed through a combination of fuel reduction, road closure and meadow restoration activities over the next 20 years, and utilize the area to demonstrate an holistic approach to watershed restoration in order to educate the public and encourage similar efforts on adjacent lands public and private lands. Project activities will include:

Fuel Reduction – Thin the dense timber stands via contracts to remove the larger fuels. Follow this with prescribed burning to remove excessive fuel buildup on the forest floor. Thus creating a more open timber stand typical of the forest at the beginning of nonnative settlement of the area. Tasks in this process will include environmental assessments, thinning layout, contracting for timber sale and/or service contracts, prescribed burning, monitoring and reporting on accomplishment.



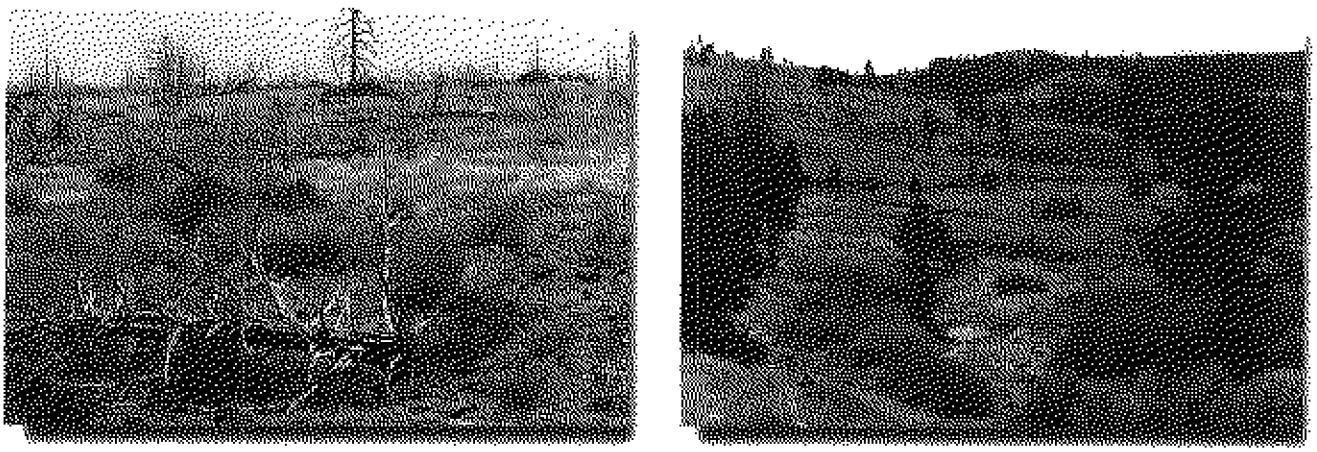
Thinning and fuel reduction treatments reduce the threat of catastrophic wildfire.

Road Realignment and Closure – Move segments of system roads out of the riparian corridor in order to decrease erosion and to allow revegetation of the area. Close all non-system roads and restore the permeability of these, and adjacent compacted areas through ripping and/or sub-soiling and revegetate the sites. Tasks will include environmental assessments, engineering for relocation, ripping and sub-soiling, revegetation, monitoring and reporting on accomplishment.

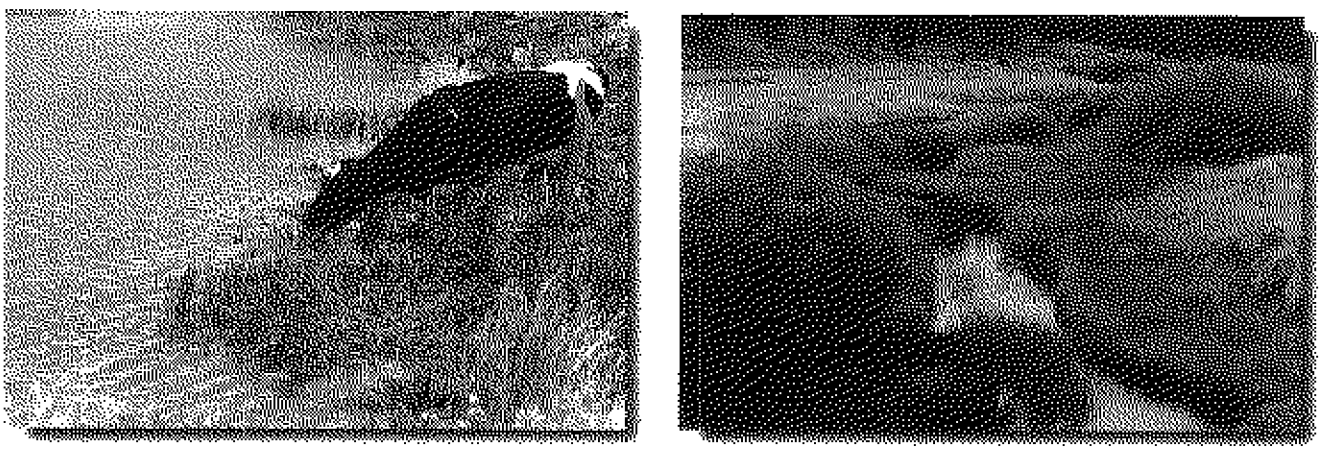
System roads within the riparian area will be relocated.

Non-system roads will be closed and sub-soiled to restore permeability.

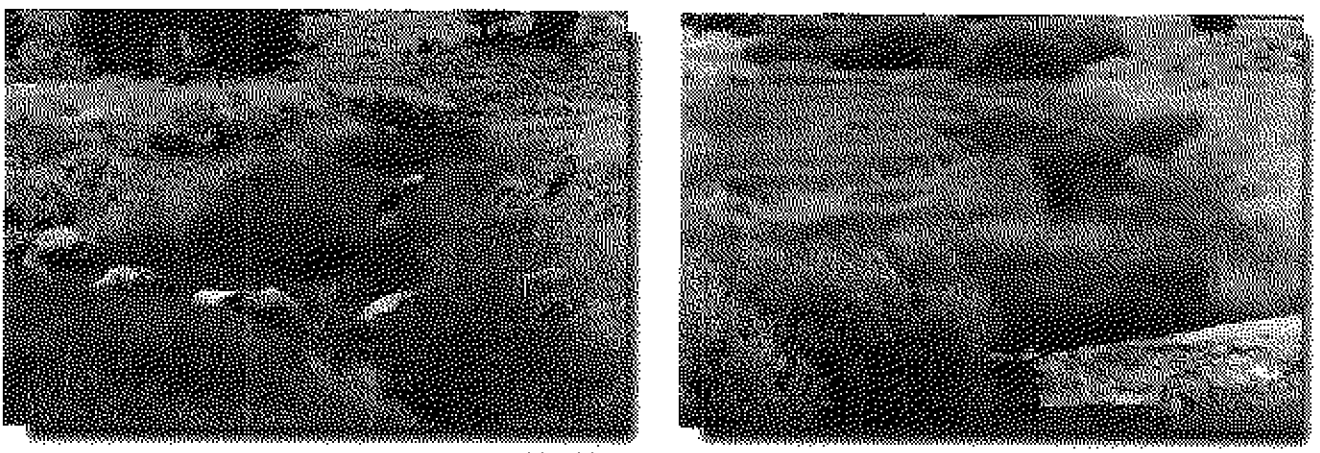
Meadow Restoration - Construct fences to exclude cattle from sensitive areas in order to begin to reestablish riparian vegetation. Document the results of previous efforts capturing both successes and failures in order to use an adaptive management approach to the restoration effort. From this information design and install a combination of check dams, groins, channel realignments and ponds to further advance system recovery.



Erosion from wildfire denuded slopes leads to downcutting and drying out of the meadow system.



Cattle exclusions and in-stream structures can be used to begin the restoration process.



Check dams and rock weirs slow erosion and allow the system to begin to recover.

B. Proposed Scope of Work

Project work will generally be conducted in the lower half of the watershed during the first 10 years and the upper half during the second 10 years, due to priority restoration need, and that some stabilization of the upper reaches has been implemented through previous projects. The approach from this point will be to complete the fuel reduction, road closure, and meadow treatments in each subwatershed before moving to the next area. After each drainage has been treated projects in the main stem will be undertaken. Tasks under each element will follow the general process of first completing an environmental assessment for all restoration activities (fuels, roads, and meadows), then designing the projects based on the selected alternative, followed by implementing the project, monitoring, and reporting on the results. The Forest Service and the FR-CRM will be simultaneously working on various projects with the FR-CRM focusing on meadow restoration in drainages North of Last Chance Creek and the Forest Service working on fuel reduction, roads, and meadow restoration in drainages on the Southern side.

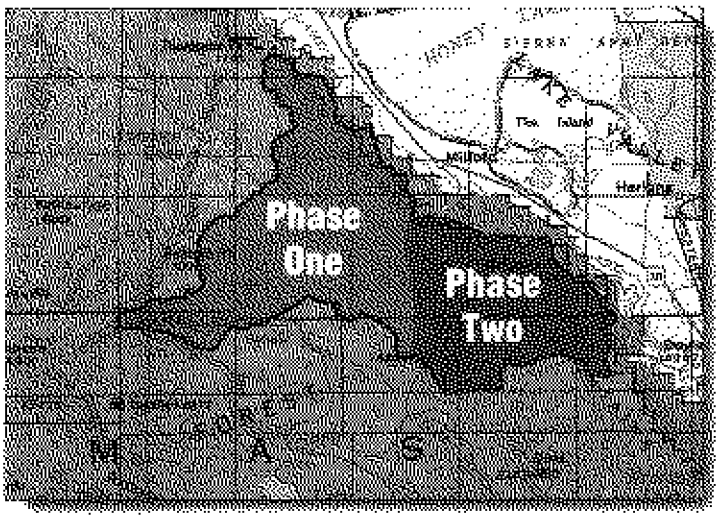


Figure 1. Last Chance Creek Watershed Restoration Project Area

Table 1 (below) shows the tasks schedule, costs and funding source for the three year period of this grant request.

Table 1 – Project Tasks, Schedule, Costs, and Funding Sources

YEAR 1 (10/1/98-9/30/99)

Lower Watershed: Poison Creek, Squaw Creek, Rogers Creek, Mc Clellan Canyon, and Stony Creek

Tasks	Schedule	Cost (K)	Funding Source
1. Landscape Analysis/ Environmental Assessment	10/1/98-5/15/99	$150	Forest Service
2. Fuel Reduction (1,000 acres) (contract preparation, adm.)	5/15/99-9/30/99	$550	CALFED
4. Road Realignment/closure (realignment-2 mi., closure-20 mi., sub-soiling-300 ac.)	5/1/99-9/30/99	$250	CALFED
5. Meadow Restoration (100 acres, labor & adm.)	5/15/99-9/30/99	$450	CALFED
6. Reporting		$5	Forest Service *
7. Monitoring		$20	FS(5), DWR(5), RWQCB(5), FR-CRM(5)
	Subtotal	**$1,425**	
		250	(additional FS in-kind)
	Total Cost	**$1,675**	
	CALFED Request	**$1,250**	

* *CALFED will be furnished with quarterly financial and accomplishment reports by task*

YEAR 2 (10/1/98-9/30/99)

Lower Watershed: Poison Creek, Squaw Creek, Rogers Creek, Mc Clellan Canyon, and Stony Creek

Tasks	Schedule	Cost (K)	Funding Source
1. Fuel Reduction (1,000 acres) (contract preparation, admin.)	5/15/2000-9/30/2000	$550	CALFED
2. Road Realignment/Closure (realignment-2 mi., closure-20 mi., sub-soiling-300acres)	5/1/2000-9/30/2000	$250	CALFED
3. Meadow Restoration (100 acres, labor & adm.)	5/15/2000-9/30/2000	$450	CALFED
4. Reporting		$5	Forest Service *
5. Monitoring		$20	FS(5), DWR(5), RWQCB(5), FR-CRM(5)
	Subotal	**$1,275**	
		300	(additional FS in-kind)
	Total Cost	**$1,575**	
	CALFED Request	**$1,250**	

* *CALFED will be furnished with quarterly financial and accomplishment reports by task*

YEAR 3 (10/1/99-9/30/2000)

Lower Watershed: Poison Creek, Squaw Creek, Rogers Creek, Mc Clellan Canyon, and Stony Creek

Tasks	Schedule	Cost (K)	Funding Source
1. Fuel Reduction (1,000 acres) (timber sale preparation, admin.)	5/15/2001-9/30/2001	$550	CALFED
2. Road Realignment/Closure (realignment-2 mi., closure-20 mi., sub-soiling-300acres)	5/1/2001-9/30/2001	$275	CALFED
3. Meadow Restoration (realignment-2 mi., closure-20 mi., sub-soiling-400 ac.)	5/15/2001-9/30/2001	$450	CALFED
5. Reporting		$5	Forest Service *
7. Monitoring		$20	FS(5), DWR(5), RWQCB(5), FR-CRM(5)
	Subotal	**$1,300**	
		350	(additional FS in-kind)
	Total Cost	**$1,650**	
	CALFED Request	**$1,275**	

* *CALFED will be furnished with quarterly financial and accomplishment reports by task*

c. *Location and/or Geographic Boundaries of Project.*

The 90,000 acre project area is located primarily on national forest system lands managed by the Plumas National Forest within the Last Chance watershed located approximately 30 miles Northeast of Quincy, California (see Figure 2 on next page). This watershed includes the tributaries that form the headwaters for the North Fork Feather River.

D. Expected Benefit(s)

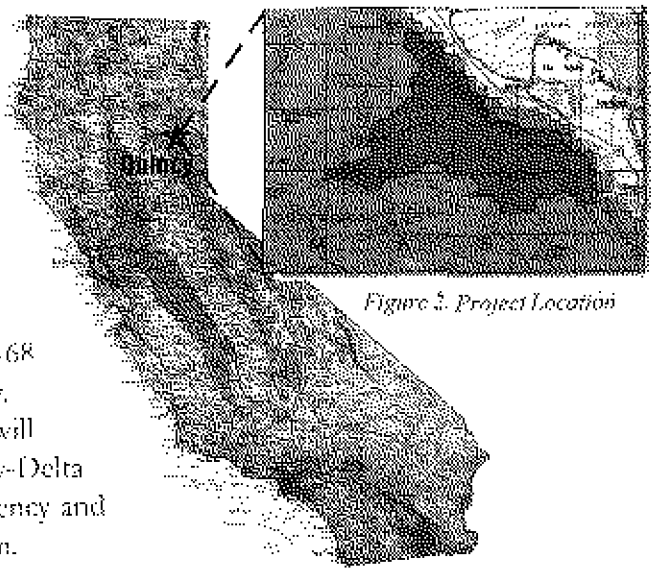
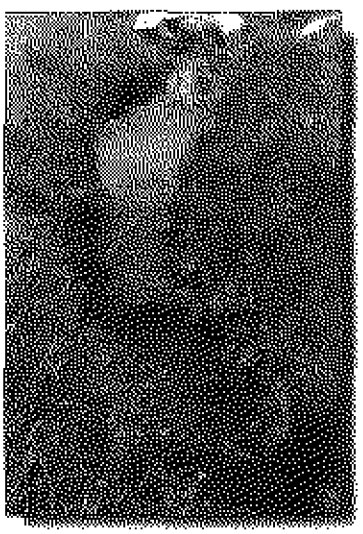


Figure 3. Project Location

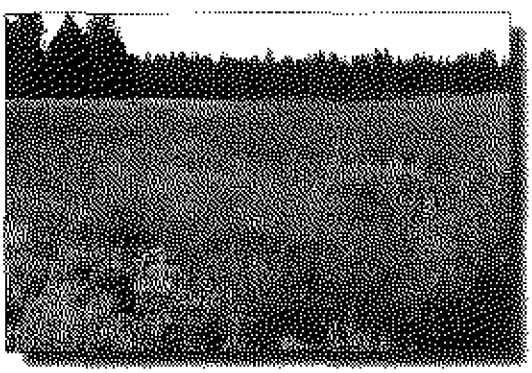
Project benefits include reduction in the level of stressors such as altered hydrograph, channel form changes, water quality, land use and wildfire, *as discussed in the RPP, through direct* actions to correct the causes. The actions proposed—fuel reduction, road closure and meadow restoration, are those recommended as corrective actions for the Upper Watershed Processes, page 61-68 of the *Review Draft, Ecosystem Restoration Program Plan, Volume I, June 13, 1997*. Results of these activities will increase water quality and quantity for all of the Bay-Delta priority species and contribute to lowering the frequency and severity of floods that threaten the Bay-Delta system.

E. Background and Biological/ Technical Justification

The Last Chance Creek watershed is typical of the upper watersheds of the Feather River system that have been adversely affected by 150 years of intensive human influence. Mining, grazing, logging, wildfire, and railroad construction and maintenance have all contributed to down cutting and widening of the Feathers' tributary streams. Logging in the upland areas resulted in a large number of roads that were often placed next to the stream channel for easy access to the timber. Others, were merely skid trails *for temporary logging access, but were never* properly closed and revegetated. The better designed roads became Forest Service system roads that are properly drained and maintained. The others, compacted from years of use, and lacking proper drainage, act as ditches rapidly draining and eroding the upland areas and causing down cutting in the meadows. Another affect of logging was to harvest only the larger trees and to do little thinning in the remaining stand. This, combined with years of fire protection, has resulted in dense stands of overstocked small trees and dead fuels that make the stands highly susceptible to catastrophic wildfire.


A re-watered meadow and a healthy forest

The once wide, wet meadows in the Last Chance Creek watershed used to act as a vegetative sponge holding spring runoff and water from summer thundershowers and releasing it slowly into the river system. However, the above actions have caused accelerated erosion amounting to a loss of 6 to 12 inches of top soil since settlement. This erosion has caused much of the original meadow system to be down cut and drained, allowing sagebrush and other dry land species to invade the sites. The affect of these actions has caused both the upland and meadow areas to lose *much of their natural water absorbing and* holding capacity and has resulted in tons of sediment being washed downstream causing further erosion and negative affects on water quality during high flows, and a reduction



in the quantity of water during low flow periods. This has resulted in negative affects on all downstream beneficial uses including the priority species and habitats of the Bay-Delta system.

Numerous sediment studies over the past several years in the East Branch North Fork drainage has pinpointed the major erosion areas of which the Last Chance Creek watershed was found to be a major source. There have also been considerable previous erosion control projects conducted by the FR-CRM, Forest Service and other cooperators over the past 10 years in many of the tributaries to the North Fork and Middle Fork, including some projects within the Last Chance Creek watershed. However, these have been opportunistic projects that have focused primarily on in-channel meadow restoration alone. The Last Chance Creek watershed project is the first attempt at restoring both the upland and meadow system by simultaneously treating the problems in a total approach to watershed restoration and, as such, provides an opportunity to demonstrate this concept in action. The objective of this approach is to restore and manage the system so that it becomes naturally self maintaining.

F. Monitoring and Data Evaluation

Monitoring will include the implementation of projects to make sure that procedures and plans are followed; trends related to amount of sediment, surface and ground water flows and changes in vegetation; and monitoring to ensure that project improvements are maintained and operating as planned. These monitoring activities will be coordinated with several other monitoring and data gathering efforts underway in the watershed and surrounding lands that are being conducted by the FS, UCCE, DWR, and FR-CRM. These are as follows:

DWR	Monitoring to establish baseline, and after treatment results in the Last Chance Creek watershed for channel geometry, water quality, water flow, and fish population
UCCE	Multi-scale effectiveness of treatment efforts in the Last Chance Creek watershed.
FS-Plumas	Region- wide, long term trend in key aquatic indicator species.
FS-Plumas	Monitoring of Forest Health Pilot program activities on the Plumas, Lassen and Tahoe National Forests.
FR-CRM	RWQCB grant to establish flow monitoring stations throughout the Feather River system.
FR-CRM	Proposal for RWQCB funding to coordinate the results of the above monitoring efforts on the Feather River system.

Data evaluation will be coordinated with, and receive peer review by the FR- CRM technical team representatives and by the Forest Service regional watershed technical committee.

G. Implementability

Environmental assessments will be prepared to document all project activities pursuant to the National Environmental Policy Act (NEPA). Additionally, meadow restoration projects will require compliance with sections 401 and 404 of the Clean Water Act as administered by the RWQCB and the US Army Corps of Engineers (USACE) respectively. Additionally, Stream Bed Alteration Agreements per the California Department of Fish and Game Code, section 1601, may be required on certain portions of this work. As all of these agencies are represented on the FR-CRM group they are already aware of the proposed project activities and can be of assistance in expediting this compliance.

V. COST AND SCHEDULE

A. BUDGET COSTS

Cost detail for specific tasks and funding source are shown in Table 1. Additional cost detail by task and year is shown in Table 2. Regarding additional cooperative funding, the Plumas County Development Commission will be submitting a grant request for SWRQB funding with a $500,000 portion requested for additional meadow restoration work on this project.

Subcontractors will be selected through the criteria set forth in the RFP.

Table 2 – Project Cost Breakdown

YEAR 1

Project Task	Direct Salary/Benefits	OH	Service Contracts	ODC's	Totals (K)
Fuels	225	45	260	20	550
Roads	160	32	30	28	250
Meadows	325	65	35	25	450
				CALFED	**$1,250**
				Cooperators	$15
				Forest Service	$410
				Total Cost	**$1,675**

YEAR 2

Project Task	Direct Salary/Benefits	OH	Service Contracts	ODC's	Totals (K)
Fuels	225	45	260	20	550
Roads	160	32	30	28	250
Meadows	325	65	35	25	450
				CALFED	**$1,250**
				Cooperators	$15
				Forest Service	$310
				Total Cost	**$1,575**

YEAR 3

Project Task	Direct Salary/Benefits	OH	Service Contracts	ODC's	Totals (K)
Fuels	225	45	260	20	550
Roads	160	32	55	28	275
Meadows	325	65	35	25	450
				CALFED	**$1,275**
				Cooperators	$15
				Forest Service	$360
				Total Cost	**$1,650**

B. SCHEDULE MILESTONES

Task schedules are shown in Table 1. We propose a quarterly payment schedule.

C. THIRD PARTY IMPACTS

There are no negative third party impacts. Even though riparian areas will be excluded from grazing no decrease in allowable use is expected due to the increase in forage on adjacent areas resulting from the restoration efforts. Affects on downstream users will include an increase in water quality and quantity for hydroelectric operation, municipal and agricultural use as well as fisheries habitat.

VI. APPLICANT QUALIFICATIONS

Project organization will consist of a Forest Service project manager, contracting officer, and technical specialists working under the direction of the District Ranger responsible for management of the area. Additional technical assistance and collaboration will be provided by the Plumas Corporation and other FR-CRM representatives. Following are the qualifications of the Forest Service project team .

Project Director: Kathryn Axton, District Ranger – Twenty years of experience in management of the forestry, range and watershed resources on the Beckwourth Ranger District. Line officer responsible for all District personnel and programs.

Project Manager: Terry Benoit, Forest Hydrologist - BS in Biology. Twenty-three years of experience in watershed management. Responsible for direction for the watershed management program on the Plumas National Forest. Trained in Rosgen techniques for stream and riparian restoration. Direct experience in restoration projects in the project area, as well as adjacent watersheds.

Contracting Lead: Sue Wickman, Forest Contracting Officer – Fifteen years of experience in Federal contracting requirements and procedures. Direct experience in contracting for professional service and supply contracts as may be required by this project.

Additional Technical Support:

Hydrologist: Bob Schultz, District Hydrologist – Ph.D. in Hydrology. Twenty-seven years of experience in watershed management, Direct experience with restoration activities in the project area.

Soil Scientist: Wayne Johannson, District Soil Scientist – MS in Soil Science. Twenty-five years of experience in watershed management, Direct experience with restoration activities in the project area.

Forester: Betty Holder, District Timber Management Officer – Eighteen years of experience in forest management. Direct experience with timber management in the project area.

Silviculturist: Patti Millet, District Silviculturist – MS in Forestry. Twenty years of experience in forest management. Direct experience with timber management/fuels reduction activities in the area.

Range Conservationist: Mark Lane, District Range Conservationist – MS in Range Management. Fifteen years of experience in management of livestock and wildlife forage use. Direct experience in planning of deferred, and rest-rotation management techniques for restoration of meadow and riparian areas.

VII. COMPLIANCE WITH STANDARD TERMS AND CONDITIONS

In submitting this grant application we agree to comply with all terms and conditions as specified in the RFP. Enclosed is a signed copy of the "Nondiscrimination Compliance Statement" as required. It is our understanding that no additional forms are required from a public agency at this time according to instructions in the RFP.

Item 8

NONDISCRIMINATION COMPLIANCE STATEMENT

USDA - FOREST SERVICE, BERRYDALE RANGER DISTRICT, PLUMAS

COMPANY NAME NATIONAL FOREST

The company named above (hereinafter referred to as "prospective contractor") hereby certifies, unless specifically exempted, compliance with Government Code Section 12990 (a-f) and California Code of Regulations, Title 2, Division 4, Chapter 5 in matters relating to reporting requirements and the development, implementation and maintenance of a Nondiscrimination Program. Prospective contractor agrees not to unlawfully discriminate, harass or allow harassment against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, disability (including HIV and AIDS), medical condition (cancer), age, marital status, denial of family and medical care leave and denial of pregnancy disability leave.

CERTIFICATION

I, the official named below, hereby swear that I am duly authorized to legally bind the prospective contractor to the above described certification. I am fully aware that this certification, executed on the date and in the county below, is made under penalty of perjury under the laws of the State of California.

OFFICIAL'S NAME KATHRYN AXTON

DATE EXECUTED 7/25/97

EXECUTED IN THE COUNTY OF PLUMAS

PROSPECTIVE CONTRACTOR'S SIGNATURE Kathryn Axton

PROSPECTIVE CONTRACTOR'S TITLE DISTRICT RANGER

PROSPECTIVE CONTRACTOR'S LEGAL BUSINESS NAME USDA- FOREST SERVICE, BERRYDALE RANGER DISTRICT, PLUMAS NATIONAL FOREST

JUL-24-97 18:47 From: Tetra Tech San Francisco 4158745814 T-334 P.02/02 Job-474

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